[Document name] Abstract

The present invention relates to a process for preparing tetrahydropyran-4-one represented by the formula (1):



which comprises reacting at least one kind of dihydropyran-4-one and pyran-4-one represented by the formula (2):



wherein === represents a single bond or a double bond,

and hydrogen

5

- (a) in the presence of a metal catalyst, in a mixed solvent of an aprotic solvent and an alcohol solvent, or
- 15 (b) in the presence of an anhydrous metal catalyst in which a hydrated metal catalyst is subjected to dehydration treatment, in a hydrophobic organic solvent.